

## DG/CHP Cost & Performance Numbers from U.S. Navy Projects

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## Federal Project Numbers

- 120 kW Microturbines: \$650k installed cost (\$5,400/kW) with savings at \$55k/yr
- 750 kW Photovoltaics: \$7,700k installed cost (\$10,300/kW) with savings at \$230k/yr
- 5,200 kW Central Plant: \$9,900k installed cost (\$1,900/kW) with savings over \$1,800k/yr

August 17-20, 2003

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## PV Observations

- Initial Cost
- Special project grants
- Space requirements
- Utility connection requirements



750 KW Photovoltaic Parking

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## Microturbine Observations

- Utility interconnection requirements
- Sound issues
- Electrical efficiencies
- Thermal rejection use



Two 60 KW MT at CHP

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## Cogen (CHP) Observations

- Fuel type consideration
- Operations & Maintenance
- Contract requirements



5,200 KW Turbine w/ HRSG

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